

I.I Rack A PM

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Oil System Checks

Confirmation Email	X	
Management Email	X	
Change oil filters		
Change oil strainers		
Retest oil acidity in 1 week if initial test failed		

Pressure Drops

Check pressure drop on liquid driers (change if more than 2#)		
Check pressure drop on suction filters (change if more than 5#)		

Electric Checks

Check Voltage - L1-L2		
Check Voltage - L1-L3		
Check Voltage - L2-L3		
Check Voltage - L1- Ground		
Check Voltage - L2- Ground		
Check Voltage - L3- Ground		
Check compressor amp draw - L1		
Check compressor amp draw - L2		
Check compressor amp draw - L3		

Electric Checks

Visually inspect compressor contactors (change if excessive pitting present on contacts)		
Tighten contactor lugs on load and line (if no change needed)		
Visually inspect compressor terminals and overloads (if present) Tighten compressor lugs		

Compressor Checks

Tighten compressor foot bolts (replace if missing)		
Check compressor oil pump performance		
Visually inspect and test compressor oil pressure control (replace if not working)		
Visually inspect and test compressor high pressure control (replace if not working)		
Check compressor demand cooling operation (if applicable)		
Replace all plastic caps on compressor discharge king valves and suction king valves with brass (if available - if not, use cast) Visually inspect and set compressor time delays		

Miscellaneous Checks

Visually inspect and test Master Low Pressure control. Allow compressor TD's to stage comps back on and verify timing		
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Miscellaneous Checks

Tighten receiver float and alarm gauges bolts		
Inspect receiver pressure relief (replace rupture disk if pressure has been present)		
Inspect exhaust fans and damper motors (replace if faulty)		
Inspect all hydro-zorb clamps replace (if broken or missing)		
Replace missing/leaking schrader caps		

Subcooler Checks

Verify mechanical setup operation		
EPR set per rack legend		
TXV large & small valve staging operation		
Verify electronic setup operation EPR set per rack legend		
Transducer operation Temp sensor operation		
EEV operation - verify superheat Liquid outlet temperature achieved		

Circuit Checks

Verify EPR set to case/walk SST per rack legends		
Verify defrost circuit amp draws (if applicable)		
Verify antisweat circuit operation (if applicable)		

Condenser Checks

Visually inspect condenser contactors (change if excessive pitting present on contacts)		
Tighten condenser contactor lugs on load and line (if no change needed)		
Visually inspect defrost contactors (change if excessive pitting present on contacts)		
Tighten defrost contactor lugs on load and line (if no change needed)		
Verify VFD operation Verify split valve operation and pump down solenoid operation		

House Keeping

Remove all open oil containers and dispose per SIP #O009.0 refrigerant oil disposal

Empty trash cans
Verify all spare parts are stored in a neat and orderly fashion
Sweep floors

Note any scope item submissions and fill out scope forms at this time